American National Standard for
Roadway and Area Lighting Equipment—Enclosed,
Post Top–Mounted Luminaires

Secretariat:

National Electrical Manufacturers Association

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American National Standards Institute
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Foreword

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1 Scope

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed, post top–mounted high-intensity discharge (HID), solid state light (SSL) source (also referred to as LED (Light Emitting Diode), compact fluorescent, and induction luminaires whose center of mass is approximately over the mounting tenon. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with assurance that:

- they will fit the mounting tenon,
- pole strength requirements will not change,
- light distribution will be similar, and
- similar maintenance procedures can be used.

2 Normative References

This standard incorporates by undated reference provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed below. For undated references, the latest edition of the publication referred to applies (including amendments).

ANSI C81.61-2009, American National Standard for Electric Lamp Bases—Specifications for Bases (Caps) for Electric Lamps

ANSI C136.10-2010, American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacles—Physical and Electrical Interchangeability

ANSI C136.11-2011, American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets


ANSI C136.2-2004 (R2009), American National Standard for Roadway and Area Lighting Equipment—Luminaire Voltage Classification

ANSI C136.22-2004 (R2009), American National Standard for Roadway and Area Lighting Equipment—Internal Labeling of Luminaires

ANSI C136.24-2004 (R2010), American National Standard for Roadway and Area Lighting Equipment—Non-Locking (Button) Type Photo Controls

ANSI C136.3-2005 (R2009), American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments

ANSI C136.31-2004 (R2010), American National Standard for Roadway and Area Lighting Equipment—Luminaire Vibration

ANSI/IESNA RP-8-05, National Standard Practice for Roadway Lighting

ANSI/IESNA TM-15-11, Luminaire Classification System for Outdoor Luminaires

NFPA 70-2014, National Electrical Code®